

IN THE CLAIMS:

Please amend claims 1 and 3-12, and please add claims 13-28 as indicated below:

1. (Currently Amended) A color-based lighting system for the control of color-based lighting through voice control, the system comprising:

a transducer to take in voice signals and convert the voice signals into electrical signals;

a lighting system to control at least one lighting device comprising at least a first light source adapted to emit light of a first color and a second light source adapted to emit light of second color, the first color being different than the second color, the at least one lighting device being configured to combine at least the light of the first color and the light of the second color to produce at least a third color capable of producing multiple colors;
and

a computing device, coupled to the transducer and the at least one lighting device lighting system, to convert the electrical signals into control signals adapted that can be used by the lighting system to control emission of the first light by the first light source and the second light by the second light source said at least one lighting device.

2. (Original) The system of claim 1, wherein the transducer comprises a microphone.

3. (Currently Amended) The system of claim 1, ~~in combination with the lighting device~~, wherein the lighting device at least one of the first light source and the second light source includes at least one LED, such that one of the first light and the second light is produced, at least in part, by the at least one LED.

4. (Currently Amended) The system of claim 3, wherein the first light source comprises a first LED adapted to emit the light of the first color and the second light source comprises

a second LED adapted to emit the light of the second color ~~lighting device includes at least two LEDs of different colors.~~

5. (Currently Amended) The system of claim 4, wherein the at least one lighting device further comprises:

a processor to control at least one of the first LED and the second LED ~~at least two LEDs.~~

6. (Currently Amended) The system of 5, wherein the processor ~~further~~ comprises an addressable processor having an alterable address.

7. (Currently Amended) The system of claim 1, ~~in combination with the lighting device,~~ wherein the at least one lighting device ~~further~~ comprises at least one group of lighting devices.

8. (Currently Amended) A method of controlling a ~~for the control of color-based~~ lighting device comprising at least a first light source adapted to emit light of a first color and a second light source adapted to emit light of a second color, the first color being different than the second color, the method comprising acts of:

receiving a spoken command ~~spoken in a syntax composed for use with a lighting system;~~

translating the command into a signal to be used to control a the lighting device ~~capable of producing multiple colors;~~

~~applying the signal to the lighting device to cause the lighting device to carry out an action that corresponds to the spoken command~~ in response to the signal, producing the light of the first color and the light of the second color; and

combining the light of the first color and the light of the second color to produce light of a third color.

9. (Currently Amended) The method of claim 8, wherein said command syntax is of the form:

<System call><object><value>.

10. (Currently Amended) The method of claim 8, wherein said command syntax ~~corresponds to~~ is a natural language command.

11. (Currently Amended) The method of claim 8, wherein ~~the lighting device~~ at least one of the first light source and the second light source includes at least one LED, and wherein the step of producing the light of the first color and the light of the second color comprises producing LED light.

12. (Currently Amended) The method of claim 11, wherein the lighting device further comprises a processor, and wherein the step of producing the light of the first color and the light of the second color comprises ~~for~~ controlling ~~the~~ at least one of the first LED and the second LED with the processor.

13. (New) The system of claim 1, wherein the voice signals each comprise an identification of an object, and a value.

14. (New) A lighting system, comprising:

a transducer adapted to receive voice signals and produce corresponding electrical signals;

a computing device coupled to the transducer, the computing device adapted to produce addressed control signals in response to the electrical signals;

a plurality of lighting devices each capable of producing light of a plurality of colors and each associated with an addressable processor, each addressable processor configured to

control selected ones of the plurality of lighting devices in response to appropriately addressed ones of the addressed control signals.

15. (New) The lighting system of claim 14, wherein the transducer comprises a microphone.

16. (New) The lighting system of claim 14, wherein the plurality of lighting device are configured as a plurality of groups, the lighting devices that comprise a selected one of the groups being configured to be controlled by a same at least one of the addressed control signals.

17. (New) The lighting system of claim 14, wherein at least one of the plurality of lighting devices comprises at least one LED.

18. (New) The lighting system of claim 17, wherein the at least one of the plurality of lighting devices comprises a plurality of independently controlled LEDs.

19. (New) The lighting system of claim 18, wherein the plurality of independently controlled LEDs comprise LEDs of different colors.

20. (New) The lighting system of claim 19, wherein the plurality of independently controlled LEDs comprise LEDs of at least three different colors.

21. (New) The lighting system of claim 14, wherein the voice signals comprise an identification of an object and a value.

22. (New) The lighting system of claim 21, wherein the at least one object corresponds to at least one of the plurality of lighting devices.

23. (New) The lighting system of claim 21, wherein the value comprises a coordinate of a CIE diagram.
24. (New) The lighting system of claim 21, wherein the value comprises a color temperature.
25. (New) The lighting system of claim 21, wherein the value comprises an indication of duration for which light is to be produce by at least one of the plurality of lighting devices.
26. (New) The lighting system of claim 21, wherein the value comprises an indication of a selected lighting mood.
27. (New) The lighting system of claim 21, wherein the voice signal comprises an identification of a lighting effect.
28. (New) The lighting system of claim 14, wherein the voice signal comprises an identification of a hue and a saturation.